



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

Cynthia B. Rothschild Kilpatrick Stockton LLP 1001 W. 4th Street Winston-Salem, NC 27101 09/14/2004

EXAMINER

DENTZ, BERNARD I

ART UNIT

PAPER NUMBER

1625

DATE MAILED: 09/14/2004

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036 912	12/21/2001	Steven Thomas Perri	32887-168168	5101

TITLE OF INVENTION: PROCESS FOR PRODUCING ASCORBIC ACID

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOT	AL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300		\$1630	12/14/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected by the statement of the state	m should be used for trans respondence including the F selow or directed otherwise	smitting the ISSU Patent, advance ordin Block I, by (a)	E FEE and I ders and notif specifying a	PUBLICATION of a new corre	FION FEE (if requirement of the control of the cont	uired). Blocks I through 5 sl will be mailed to the current s; and/or (b) indicating a sepa	nould be completed where correspondence address as trate "FEE ADDRESS" for
maintenance fee notifications.  CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)  7590 09/14/2004				na	ners. Each addition	f mailing can only be used for his certificate cannot be used in la paper, such as an assignmente of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must
Cynthia B. Roths Kilpatrick Stocktor 1001 W. 4th Street Winston-Salem, N	child LLP				C	ertificate of Mailing or Trans this Fee(s) Transmittal is bein, with sufficient postage for fir all Stop ISSUE FEE address PTO (703) 746-4000, on the co	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
,				L			(Depositor's name)
				L			(Signature)
				L			(Date)
APPLICATION NO.	FILING DATE	]	FIRST NAMED	D INVENTO	R	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036,912	12/21/2001		Steven Tho	omas Perri		32887-168168	5101
TITLE OF INVENTION: PI	ROCESS FOR PRODUCING	G ASCORBIC AC	D			,	
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	l	\$300		\$1630	12/14/2004
EXAM	INER	ART UN	IT	CLAS	SS-SUBCLASS	1	
DENTZ, B	ERNARD I	1625		5	49-315000	_	
CFR 1.363).  Change of correspond Address form PTO/SB/12  "Fee Address" indicate	e address or indication of "Fe lence address (or Change of 6 22) attached. ion (or "Fee Address" Indica or more recent) attached. Use	Correspondence	(1) the nar or agents ( (2) the nar registered 2 registere	mes of up OR, alterna me of a sin	gle firm (having as r agent) and the na torneys or agents. I	ent attorneys 1 a member a 2 mes of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	Γ (print or t	ype)		
					• • •	gnee is identified below, the d	ocument has been filed for
(A) NAME OF ASSIGN	EE	(B	) RESIDENC	CE: (CITY	and STATE OR CO	DUNTRY)	
Please check the appropriate	assignee category or catego	ries (will not be pri	inted on the p	patent) : [	Individual 🗖	Corporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:	4b	. Payment of	Fee(s):			
Issue Fee			A check in the amount of the fee(s) is enclosed.				
	mall entity discount permitte	ed)	Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies				The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).			
5. Change in Entity Status	•	,					
• •	MALL ENTITY status. See		• •			ALL ENTITY status. See 37 C	
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) vords of the United States Pate	ue Fee and Publicat vill not be accepted ent and Trademark	tion Fee (if an I from anyone Office.	ny) or to re- e other thar	apply any previou the applicant; a re	sly paid issue fee to the applications gistered attorney or agent; or t	ation identified above.  the assignee or other party in
Authorized Signature				_	Date		
Typed or printed name _				_	Registratio	on No	· · ·
This collection of information	on is required by 37 CFR 1.3	11. The informatio	n is required	to obtain o	r retain a benefit by	the public which is to file (an	d by the USPTO to process)

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time your require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/036,912 12/21/2001		Steven Thomas Perri	32887-168168	5101	
75	590 09/14/2004		EXAM	INER	
Cynthia B. Roths		DENTZ, BE	DENTZ, BERNARD I		
Kilpatrick Stocktor 1001 W. 4th Street		ART UNIT	PAPER NUMBER		
Winston-Salem, N	IC 27101		1625		
			DATE MAILED: 09/14/2004	1	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 337 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 337 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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Kilpatrick Stocktor 1001 W. 4th Street		ART UNIT	PAPER NUMBER	
Winston-Salem, N		1625		

DATE MAILED: 09/14/2004

### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

By a small entity (Sec. 1.27(a))...... \$330.00

By other than a small entity......\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.